



DEPARTMENT OF THE NAVY
OFFICE OF THE CHIEF OF NAVAL OPERATIONS
WASHINGTON, DC 20350-2000

IN REPLY REFER TO
OPNAVINST 1540.53
OP-290D1
16 January 1990

OPNAV INSTRUCTION 1540.53

From: Chief of Naval Operations

Subj: INTEGRATED UNDERSEA SURVEILLANCE SYSTEM ON BOARD TRAINING
(IUSSOBT) PROGRAM

Ref: (a) OPNAVINST 1500.55

1. Purpose. To establish the Integrated Undersea Surveillance System On Board Training (IUSSOBT) program responsibilities, and to provide guidance and procedures to be utilized by commands designated to assess on board training requirements for undersea surveillance systems of the Integrated Undersea Surveillance System (IUSS) community.

2. Background. The expense and planning associated with introduction and support of modern on board training devices and the potential impact of those devices on fleet training readiness require close coordination and cooperation for development and implementation between fleet users, cognizant commanders, training, and trainer acquisition activities. That type of symbiotic relationship will ensure that fleet readiness and training requirements are fully considered. Standardization of the training development process and control over material dissemination is needed to produce quality on board training material that meets the priority needs of the fleet.

3. Discussion. Reference (a) provides policy and guidance for development and administration of the IUSS Training Program. This instruction further defines program responsibility in the development of IUSSOBT material and includes all areas of IUSS on board training. This program, called the Integrated Undersea Surveillance System On Board Training (IUSSOBT) Program, is hereby established to provide coordinated, systematic and centrally-controlled determination of training requirements; maintenance and distribution of training materials; and prioritization of fleet feedback.

4. Applicability. It applies to all aspects of IUSS on board training specifically designed to meet the training requirements of IUSS Officer, Ocean Systems Technician Analyst and Maintainer (OTA and OTM) naval personnel.

5. Program Responsibilities

a. Chief of Naval Operations (CNO) (OP-24/29)

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(1) Provides overall policy, guidance, and coordination for IUSSOBT program goals.

(2) Approves and provides program sponsorship for each new IUSSOBT project.

(3) Makes appropriate program submissions and supports the budgetary process, as necessary, to implement IUSSOBT programs.

b. Commander, Space and Naval Warfare Systems Command (COMSPAWARSYSCOM) (PMW 181)

(1) Maintains a single point of contact within the procurement organization providing coordinated support for the IUSSOBT program.

(2) Ensures that Navy training plans for new equipment or systems address required on board training programs and that funding requirements, to support approved projects, are identified to assist Chief of Naval Operations in the budgetary process.

(3) Procures on board training materials for new equipment and systems.

c. Type Commanders (Commander Oceanographic System Atlantic/Commander Oceanographic System Pacific - COMOCEANSYSLANT/COMOCEANSYSPAC) (N2)

(1) Provide primary program inputs concerning the near-term and long-range operational on board training goals and requirements.

(2) Jointly approve all new IUSSOBT projects recommended for development subject to CNO funding approval.

(3) Establish fleet on board training requirements and training goals.

(4) Jointly approve all material/trainers for IUSSOBT use, before fleet installation.

d. Commanding Officer, Readiness Training Facility (REDTRAFAC)

(1) Acts as Type Commanders (TYCOMs) agent for IUSSOBT.

(2) Issues under joint TYCOM direction, all on board training materials.

(3) Provides primary fleet point of contact for all IUSSOBT related matters.

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(4) Provides primary point of contact to contractors involved in development of IUSS Officer and OTA on board training material. For the development of OTM on board training material, receives direct support from the Naval Electronic Systems Engineering Activity (NAVELEXACT), or other COMSPAWARSSYSCOM designated agent.

(5) Supports CNO IUSS Trainer/Training Working Group committees and conferences, when convened, as a representative for on board training.

(6) Functions as the primary training material review and distribution approval authority by this instruction. Receives assistance from NAVELEXACT, or other COMSPAWARSSYSCOM designated agent as required, to accomplish review of OTM on board training materials. Prior to finalization one copy of IUSSOBT materials will be provided to the Commanding Officer, Fleet Anti-Submarine Warfare Training Center, Atlantic (FLEASWTRACENLANT) Attention: IUSS Department (N2), for their information, review, and comment to ensure that formal training curricula and OBT materials remain consistent and complementary. It should be noted that although comments from the FLEASWTRACENLANT will be actively solicited and considered, the TYCOMs retain final approval authority over the content of all IUSSOBT. This instruction is not intended to preclude discussions throughout the development process, as the Commanding Officer, Readiness Training Facility, deems appropriate. The REDTRAFAC will include the FLEASWTRACENLANT on the distribution list for at least one copy of each on board training package approved for distribution.

(7) Provides primary support and fleet liaison for the fleet introduction and implementation of new IUSSOBT training programs and material.

(8) Provides support for the development and implementation of new IUSSOBT program policy.

(9) Recommends prioritized on board training requirements to TYCOMs for approval.

(10) Reviews and comments on training/trainer proposals related to IUSSOBT. Receives assistance from NAVELEXACT, or other COMSPAWARSSYSCOM designated agent as required, to review maintenance related training/trainer proposals.

(11) Maintains master copy of all current IUSSOBT packages and issues changes or corrections to fleet users as necessary.

e. Commanding Officer, Naval Electronic Systems Engineering Activity (NAVELEXACT) or other COMSPAWARSSYSCOM designated agent

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(1) Through COMSPAWARSSYSCOM acts as the REDTRAFAC's agent for OTM IUSSOBT.

(2) Provides support to the REDTRAFAC by serving as the primary point of contact to contractors involved in the development of OTM on board training material under COMSPAWARSSYSCOM control.

(3) Supports the REDTRAFAC, as required, at CNO Undersea Warfare Trainer/Training Working Group committees and conferences in the area of OTM IUSSOBT.

(4) In support of the REDTRAFAC, functions as the primary training material review authority for OTM on board training materials.

(5) Provides support to the REDTRAFAC for the development and implementation of program policy related to OTM on board training.

(6) Recommends prioritized on board training requirements to the REDTRAFAC for further consideration.

(7) At the request of the REDTRAFAC, reviews and comments on training/trainer proposals related to OTM IUSSOBT.

(8) Provides day-to-day coordination between COMSPAWARSSYSCOM, the REDTRAFAC, the fleet, and other training commands.

(9) Ensures adequate quantities of approved OTM IUSSOBT materials are provided to the REDTRAFAC for further distribution to the fleet.

f. Commander, Naval Ocean Systems Center (NAVOCEANSYSCEN) (Code 7203) or other COMSPAWARSSYSCOM designated agent

(1) Works closely with the equipment contractor and coordinates with the REDTRAFAC to ensure that on board training materials, developed concurrently with new hardware deliveries, accurately reflect the operational employment and training philosophy of the TYCOMs. Validates the technical accuracy of on board training material when prepared for each new subsystem installation.

(2) Together with contractor personnel, personnel from the NAVOCEANSYSCEN (Code 7203), or other COMSPAWARSSYSCOM designated agent, provide initial training for the Mobile Training Team from the REDTRAFAC. Based on comments provided by the REDTRAFAC, training material will be revised by the contractor in close cooperation with NAVOCEANSYSCEN or other designated agent, and provided to the REDTRAFAC for the conduct of installation training.

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g. Other Activities. All activities that produce on board training material which may be applicable for IUSS use will provide a copy to the REDTRAFAC for IUSSOBT Program review and approval. If the material is appropriate for expanded distribution to meet IUSS training requirements, distribution and issuance will be provided within funding constraints.

6. Action. To ensure consistent training product development, subsequent review, approval, and issuance an IUSSOBT Program development process is established as follows:

a. Requirement Phase. During this phase, the requirement for a specific on board training capability is established. In those cases where inputs are recommended by contractor proposal, the REDTRAFAC will assess the pertinence of the proposal to meet the training requirements. Regardless of source of origin, every requirement will be forwarded to the REDTRAFAC for review.

b. Require Prioritization. The REDTRAFAC will assess each on board training requirement with respect to (1) training currently under development, and (2) the operational commander's perspective relative to tactical and technical immediacy. Based on this assessment, the REDTRAFAC will prioritize the new requirement in relation to established requirements and forward to COMOCEANSYSLANT/COMOCEANSYSPAC for appropriate action.

c. Approval for Development. The TYCOMs' prioritized, recommended development list for OBT will be presented to CNO for approval. Upon approval, CNO will request the procurement organization, COMSPAWARSSYSCOM (PMW 181), to assign an acquisition manager to procure the approved training material including devices, trainers, books, etc.

d. Acquisition/Development. The appointed acquisition manager will take steps to procure the necessary training material to meet training requirements. The REDTRAFAC will review training material for adequacy, effectiveness, and adherence to the original requirement and submit comments as deemed appropriate. NAVOCEANSYSCEN, for new hardware procurements, the REDTRAFAC or, NAVELEXACT will work closely with the material developer throughout the development stage. Each will provide technical/tactical employment consultation and reviews, and assist in any way consistent with their designated responsibilities. For those materials produced under contract, the acquisition manager will maintain management control of training material procurement and development. For many OBT projects, especially those which emphasize optimum equipment employment, correct interface procedures, and the integration of subsystems into the overall system, the REDTRAFAC will be the primary coordinator. If required, contractor assistance in the development and production of these training materials should be

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requested. Based on the development priority assigned and availability of funds, those assets will be provided.

e. Distribution Approval. The REDTRAFAC will certify the accuracy of the material content when the format requirements have been met. The REDTRAFAC will validate that the material will be effective in the on board training environment and recommend distribution. COMOCEANSYSLANT/COMOCEANSYSPAC will approve for distribution all on board training material.

f. Fleet Distribution. The REDTRAFAC will direct distribution of material or, for contractor produced materials, coordinate with COMSPAWARSSYSCOM to effect distribution, as appropriate within IUSS. For distribution of IUSSOBT material outside the IUSS community, distribution will be approved by CNO (OP-29).

g. Program Maintenance

(1) All IUSSOBT material and equipment will be supported throughout its life-cycle. The REDTRAFAC will coordinate the life-cycle maintenance of all IUSSOBT programs. Provisions will be made for the maintenance of technical/tactical accuracy, the update and replacement of material, and the eventual removal of program material when no longer required to support fleet needs.

(2) It is incumbent upon both the fleet and COMSPAWARSSYSCOM to ensure the accuracy and effectiveness of program material. All concerns relative to material accuracy and will be addressed to the REDTRAFAC for appropriate action.


D. L. COOPER
By direction

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